

#### ASPECT:

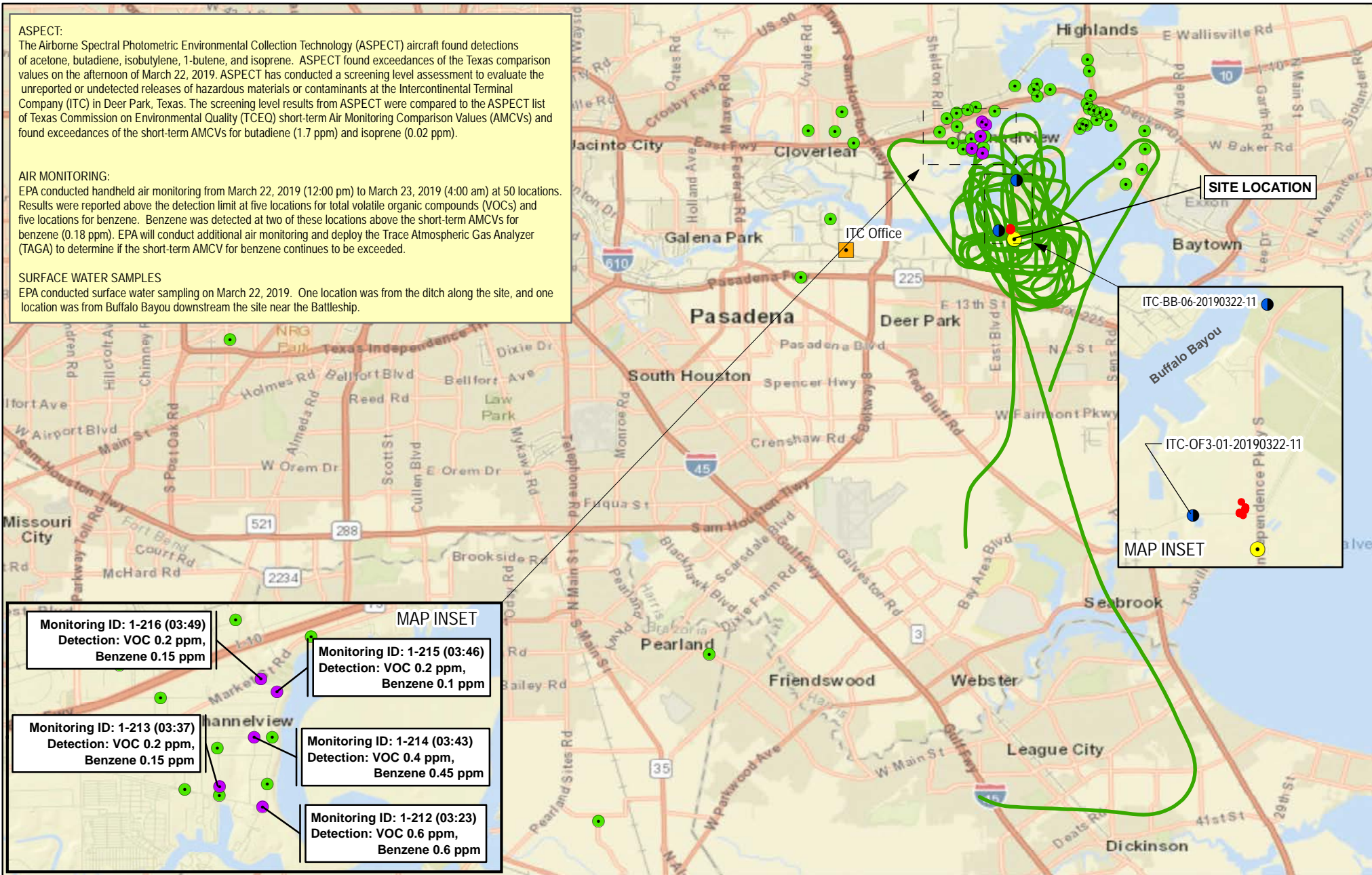
The Airborne Spectral Photometric Environmental Collection Technology (ASPECT) aircraft found detections of acetone, butadiene, isobutylene, 1-butene, and isoprene. ASPECT found exceedances of the Texas comparison values on the afternoon of March 22, 2019. ASPECT has conducted a screening level assessment to evaluate the unreported or undetected releases of hazardous materials or contaminants at the Intercontinental Terminal Company (ITC) in Deer Park, Texas. The screening level results from ASPECT were compared to the ASPECT list of Texas Commission on Environmental Quality (TCEQ) short-term Air Monitoring Comparison Values (AMCVs) and found exceedances of the short-term AMCVs for butadiene (1.7 ppm) and isoprene (0.02 ppm).

#### AIR MONITORING:

EPA conducted handheld air monitoring from March 22, 2019 (12:00 pm) to March 23, 2019 (4:00 am) at 50 locations. Results were reported above the detection limit at five locations for total volatile organic compounds (VOCs) and five locations for benzene. Benzene was detected at two of these locations above the short-term AMCVs for benzene (0.18 ppm). EPA will conduct additional air monitoring and deploy the Trace Atmospheric Gas Analyzer (TAGA) to determine if the short-term AMCV for benzene continues to be exceeded.

#### SURFACE WATER SAMPLES

EPA conducted surface water sampling on March 22, 2019. One location was from the ditch along the site, and one location was from Buffalo Bayou downstream the site near the Battleship.



#### Legend

- |                       |   |                         |
|-----------------------|---|-------------------------|
| ITC OFFICE LOCATION   | ASPECT DATA<br>(No Readings Above Benchmarks) | AIR MONITORING LOCATION |
| SITE LOCATION         | ASPECT DATA<br>(Readings Above Benchmarks)    | DETECTION               |
| WATER SAMPLE LOCATION |   | NO DETECTION            |

### AIR MONITORING MAP INTERCONTINENTAL TERMINALS COMPANY FIRE 1943 INDEPENDENCE PARKWAY LA PORTE, HARRIS COUNTY, TEXAS

REPORTING PERIOD  
3/22/2019 12:00 - 3/23/2019 04:00



0 2 4

SCALE IN MILES

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